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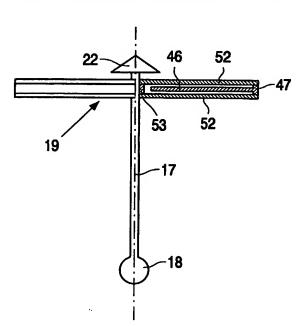
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(54) Title: A COORDINATE MEASURING DEVICE WITH A VIBRATION DAMPING SYSTEM



(57) Abstract: A coordinate measuring device having a probe comprising a stylus (14) with a sensing member (18) for contacting the object (15) to be measured, a support unit (13) to which the stylus (14) is connected through elastic means (19), and magnet means (46) for damping vibrations of the stylus (14) by generating eddy currents in conductive material. The elastic means (19) comprise at least one leaf spring (41) made of conductive material, and said magnet means (46) generate eddy currents in said leaf spring (41).

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NTERMINIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01B5/012 G01B7/012

G01B11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7-601B

Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data, INSPEC, COMPENDEX

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V Fur	her documents are listed in the continuation of box C.	Y Patent family members are	s listed in anney
	ategories of cited documents:	X rate it family members are	Tibles III difflex.
"A" docume consider filing of "L" docume which citatio "O" docume other "P" docume	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international	 "T" later document published after the or priority date and not in conflicted to understand the principle invention "X" document of particular relevance cannot be considered novel or involve an inventive step when document of particular relevance cannot be considered to involve document is combined with one ments, such combination being in the art. "&" document member of the same 	ct with the application but e or theory underlying the e; the claimed invention cannot be considered to the document is taken alone e; the claimed invention e an inventive step when the e or more other such docugardous to a person skilled
Date of the	actual completion of the international search	Date of mailing of the Internation	nal search report
2	2 January 2004	13/01/2004	
Name and	malling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer	

INTERMATIONAL SEARCH REPORT

PCT/1993/04596

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